2752

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. DAY YEAR (9-14)	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2752	037	03 25 75	27BA	3655	7539

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0011	10	08	14	988	Y	SW	10

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CW	SA	E	FT	151	—	11	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00204	0000	0000	00001

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36°55.5'	75°39'	2081	3065	11		1107	1110
							PU	ON
FINISH	36°55.5'	75°36'	2086	3057	11		1140	1146

LENGTH WARF	SHIFT RPM	PITCH	GEAR DATA:
100	1200/2/5	50	

SPECIAL MODIFICATIONS

Positive Anadromous

OPERATIONAL COMMENTS

STATION recorded on Ross and Simrad - Much better Tracing on Simrad.

OBSERVATIONS KOLEN (Polish) Polish

52N90 and another stern Trawler

Fishing within ½ mile of above loran bearings - appear to be mid water Trawling and cooking

Estimated foreign stern Trawler landed Approx 1000 boxes.

R/V DAN MOORE SPECIES LIST

STA. NO. 2752 DATE 25 Mar. 1975 BIOLOGISTS BFH, JG, ARP

TOT. CATCH WT. 205 Finfish: 204 Crust.: — Moll.: — Other 1

AIR 14 SURFACE 10.0 BOTT 7.6 (Thermistor)

Factor = 0

SPECIES	CODE	NUMBER	WEIGHT	DATA TAKEN	REMARKS
Squalus acanthias		1	5		
Limulus polyphemus		1	3		
Loligo pealei		1	1		
* Alosids (tagged)		467	107		All blueback
Alosid Unbiased subsample	54+35	389	89		Kept all of them.
A. psuedoharengus		2	1	Alewife	FL 245 ♀ III 240 ♂
A. aestivalis		387	88		

$\frac{389}{467} = \frac{89 \text{ lbs}}{x \text{ lbs}} \Rightarrow x = \frac{(89)(467)}{389} = 107$

Compilation of Alosid data

Blueback		854	195
Alewife		2	1

Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning Marks	Specimen #	Remarks
2752	3/25/25	27 BA	229	♂ Im	—	—	—	BB 2390	
"	"	"	207	♀ Im	—	—	—	2391	
"	"	"	200	♂ Im	—	—	—	2392	
"	"	"	230	♂	—	—	—	2393	
"	"	"	210	♂ Im	—	—	—	2394	
"	"	"	242	♀ III	—	—	—	2395	
"	"	"	205	♂ Im	—	—	—	2396	
"	"	"	200	♀ Im	—	—	—	2397	
"	"	"	212	♂ Im	—	—	—	2398	
"	"	"	235	♀ III	—	—	—	2399	
"	"	"	223	♀ II	—	—	—	2400	
"	"	"	225	♀ Im	—	—	—	2401	
"	"	"	229	♂	—	—	—	2402	
"	"	"	218	♂ Im	—	—	—	2403	
"	"	"	205	♀ Im	—	—	—	2404	
"	"	"	207	♂ Im	—	—	—	2405	
"	"	"	214	♀ Im	—	—	—	2406	
"	"	"	210	♂ Im	—	—	—	2407	
"	"	"	247	♀ III	—	—	—	2408	
"	"	"	240	♂	—	—	—	2409	
"	"	"	195	♀ Im	—	—	—	2410	
"	"	"	207	♂	—	—	—	2411	
"	"	"	210	♀ Im	—	—	—	2412	
"	"	"	227	♀ Im	—	—	—	2413	
"	"	"	224	♂	—	—	—	2414	
"	"	"	218	♀ Im	—	—	—	2415	
"	"	"	205	♀ Im	—	—	—	2416	
"	"	"	202	♀ Im	—	—	—	2417	
"	"	"	210	♂ Im	—	—	—	2418	
"	"	"	235	♀ III	—	—	—	2419	
"	"	"	198	♀ Im	—	—	—	2420	
"	"	"	250	♂	—	—	—	2421	
"	"	"	212	♀ Im	—	—	—	2422	
"	"	"	208	♂ Im	—	—	—	2423	
"	"	"	202	♀ Im	—	—	—	2424	
"	"	"	230	♀ III	—	—	—	2425	
"	"	"	215	♂	—	—	—	2426	
"	"	"	195	♂	—	—	—	2427	
"	"	"	196	♀ Im	—	—	—	2428	
"	"	"	198	♂ Im	—	—	—	2429	
"	"	"	215	♀ Im	—	—	—	2430	
"	"	"	210	♂ Im	—	—	—	2431	
"	"	"	203	♀ Im	—	—	—	2432	
"	"	"	178	UNK	—	—	—	2433	
"	"	"	200	♀ Im	—	—	—	2434	
"	"	"	205	♀ Im	—	—	—	2435	
"	"	"	215	♂ Im	—	—	—	2436	
"	"	"	200	♀ Im	—	—	—	2437	
"	"	"	155	♀ Im	—	—	—	2438	
"	"	"	160	♂ Im	—	—	—	2439	
"	"	"	210	♂ Im	—	—	—	2440	
"	"	"	203	♂ Im	—	—	—	2441	
"	"	"	248	♀ III	—	—	—	2442	

Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning Marks	Specimen #	Remarks
2752	3/25/25	27BA	227	♂	—	—	—	BB2443	
"	"	"	223	♀ II	—	—	—	2444	
"	"	"	240	♂	—	—	—	2445	
"	"	"	250	♀ III	—	—	—	2446	
"	"	"	259	♀ III	—	—	—	2447	
"	"	"	262	♂	—	—	—	2448	
"	"	"	234	♂	—	—	—	2449	
"	"	"	230	♂	—	—	—	2450	
"	"	"	220	♀ Im	—	—	—	2451	
"	"	"	220	♀ Im	—	—	—	2452	
"	"	"	215	♀ Im	—	—	—	2453	
"	"	"	232	♂	—	—	—	2454	
"	"	"	235	♀ III	—	—	—	2455	
"	"	"	210	♀ Im	—	—	—	2456	
"	"	"	205	♂ Im	—	—	—	2457	
"	"	"	200	♂ Im	—	—	—	2458	
"	"	"	215	♂	—	—	—	2459	
"	"	"	197	♂ Im	—	—	—	2460	
"	"	"	206	♀ Im	—	—	—	2461	
"	"	"	230	♂	—	—	—	2462	
"	"	"	205	♂ Im	—	—	—	2463	
"	"	"	201	♂ Im	—	—	—	2464	
"	"	"	156	UNK	—	—	—	2465	
"	"	"	185	♂ Im	—	—	—	2466	
"	"	"	252	♂	—	—	—	2467	
"	"	"	197	UNK	—	—	—	2468	
"	"	"	210	♀ I	—	—	—	2469	
"	"	"	205	♂ Im	—	—	—	2470	
"	"	"	192	♂ Im	—	—	—	2471	
"	"	"	205	♀ Im	—	—	—	2472	
"	"	"	205	UNK	—	—	—	2473	
"	"	"	200	♂ Im	—	—	—	2474	
"	"	"	195	♀ Im	—	—	—	2475	
"	"	"	225	♀ I	—	—	—	2476	
"	"	"	206	♀ Im	—	—	—	2477	
"	"	"	205	♀ Im	—	—	—	2478	
"	"	"	196	♂ Im	—	—	—	2479	
"	"	"	228	♂	—	—	—	2480	
"	"	"	233	♂	—	—	—	2481	
"	"	"	—	UNK	—	—	—	2482	
"	"	"	225	♀ I	—	—	—	2483	
"	"	"	185	♀ Im	—	—	—	2484	
"	"	"	245	♀ III	—	—	—	2485	
"	"	"	240	♀ I	—	—	—	2486	
"	"	"	185	♀ Im	—	—	—	2487	
"	"	"	210	♀ Im	—	—	—	2488	
"	"	"	195	♀ Im	—	—	—	2489	
"	"	"	229	♀ I	—	—	—	2490	
"	"	"	195	♀ Im	—	—	—	2491	
"	"	"	213	♂ Im	—	—	—	2492	
"	"	"	210	♂ Im	—	—	—	2493	
"	"	"	225	♀ I	—	—	—	2494	
"	"	"	205	♂ Im	—	—	—	2495	

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Species: blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning Marks	Specimen #	Remarks
2752	3/25/75	27BA	210	♀ Im	–	–	–	2496	
"	"	"	255	♀ III	–	–	–	2497	
"	"	"	240	♀ Im	–	–	–	2498	
"	"	"	215	♀ Im	–	–	–	2499	
"	"	"	210	UNK	–	–	–	2500	
"	"	"	211	♂	–	–	–	2501	
"	"	"	215	♂ Im	–	–	–	2502	
"	"	"	225	♀ III	–	–	–	2503	
"	"	"	207	♀ Im	–	–	–	2504	
"	"	"	230	♂	–	–	–	2505	
"	"	"	196	♂ Im	–	–	–	2506	
"	"	"	210	♂ Im	–	–	–	2507	
"	"	"	212	UNK	–	–	–	2508	
"	"	"	195	♂ Im	–	–	–	2509	
"	"	"	215	♂	–	–	–	2510	
"	"	"	215	♂ Im	–	–	–	2511	

STATION # 2752

Raising factor = 7.058

TOTAL = 254

	males (♂)		Females (♀)		UNK	
155-159	—		1	7	1	7
160-164	1	7	—		—	
165-169	—		—		—	
170-174	—		—		—	
175-179	—		—		1	7
180-184	1	7	—		—	
185-189	—		2	14	—	
190-194	1	7	—		—	
195-199	6	42	6	42	1	7
200-204	5	35	6	42	—	
205-209	8	56	9	64	1	7
210-214	9	64	7	49	2	14
215-219	8	56	4	28		
220-224	1	7	4	21		
225-229	4	28	7	49		
230-234	7	49	1	7		
235-239	—		3	21		
240-244	2	14	3	21		
245-249	—		3	21		
250-254	2	14	1	7		
255-259	—		2	14		
260-264	1	7	—			
	56	393	59	414	6	42

Difference = 4

(5)

(344) = FINAL TOTAL

121 = TOTAL

(1) - UNK length + SEX

Grid 27EA

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2752 Tot. Fish Captured 856 (854 BB) (2 Alewife)

Date 25 March 1975 Tot. Fish Tagged 467 Blueback herring

Area of Release 2086 (3H4) 3057 (3H5) E of Ches Light Tower 5½ miles No. Retained for analysis (387 BB) (2 ALW)

LORAN Start 2081 3065 Hyms Gear Type 151 WING NET

Finish 2086 3057 Hyms

TAG. NO.	Weight Lbs.	Weight Ozs.	F.L. (cm)	Species	Remarks
				Blueback herring	
	ABP				
	Tag #B26462 –		26475	# 14	
	B 26551 To		26769	# 219	
				Tot 233	
				- 3	
	Broken		B26605	(230 TOTAL)	
			B26571		
	# 3		B26588		
	Holland			Blueback herring	
	Tag #B27026 –		B27262	# (237 TOTAL)	
				237	
				230	
				467 TOTAL	Blueback herring Tagged

Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning Marks	Specimen #	Remarks
2752	3/25/25	27 CA	229	♂ Im	—	—	—	BB 2390	
"	"	"	207	♀ Im	—	—	—	2391	
"	"	"	200	♂ Im	—	—	—	2392	
"	"	"	230	♂	—	—	—	2393	
"	"	"	210	♂ Im	—	—	—	2394	
"	"	"	242	♀ III	—	—	—	2395	
"	"	"	205	♂ Im	—	—	—	2396	
"	"	"	200	♀ Im	—	—	—	2397	
"	"	"	212	♂ Im	—	—	—	2398	
"	"	"	235	♀ III	—	—	—	2399	
"	"	"	223	♀ II	—	—	—	2400	
"	"	"	225	♀ Im	—	—	—	2401	
"	"	"	229	♂	—	—	—	2402	
"	"	"	218	♂ Im	—	—	—	2403	
"	"	"	205	♀ Im	—	—	—	2404	
"	"	"	207	♂ Im	—	—	—	2405	
"	"	"	214	♀ Im	—	—	—	2406	
"	"	"	210	♂ Im	—	—	—	2407	
"	"	"	247	♀ III	—	—	—	2408	
"	"	"	240	♂	—	—	—	2409	
"	"	"	195	♀ Im	—	—	—	2410	
"	"	"	207	♂	—	—	—	2411	
"	"	"	210	♀ Im	—	—	—	2412	
"	"	"	227	♀ Im	—	—	—	2413	
"	"	"	224	♂	—	—	—	2414	
"	"	"	218	♀ Im	—	—	—	2415	
"	"	"	205	♀ Im	—	—	—	2416	
"	"	"	202	♀ Im	—	—	—	2417	
"	"	"	210	♂ Im	—	—	—	2418	
"	"	"	235	♀ III	—	—	—	2419	
"	"	"	198	♀ Im	—	—	—	2420	
"	"	"	250	♂	—	—	—	2421	
"	"	"	212	♀ Im	—	—	—	2422	
"	"	"	208	♂ Im	—	—	—	2423	
"	"	"	202	♀ Im	—	—	—	2424	
"	"	"	230	♀ III	—	—	—	2425	
"	"	"	215	♂	—	—	—	2426	
"	"	"	195	♂	—	—	—	2427	
"	"	"	196	♀ Im	—	—	—	2428	
"	"	"	198	♂ Im	—	—	—	2429	
"	"	"	215	♀ Im	—	—	—	2430	
"	"	"	210	♂ Im	—	—	—	2431	
"	"	"	203	♀ Im	—	—	—	2432	
"	"	"	178	UNK	—	—	—	2433	
"	"	"	200	♀ Im	—	—	—	2434	
"	"	"	205	♀ Im	—	—	—	2435	
"	"	"	215	♂ Im	—	—	—	2436	
"	"	"	200	♀ Im	—	—	—	2437	
"	"	"	155	♀ Im	—	—	—	2438	
"	"	"	160	♂ Im	—	—	—	2439	
"	"	"	210	♂ Im	—	—	—	2440	
"	"	"	203	♂ Im	—	—	—	2441	
"	"	"	248	♀ III	—	—	—	2442	

Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning Marks	Specimen #	Remarks
2752	3/25/75	27BA	227	♂	—	—	—	BB2443	
"	"	"	223	♀ II	—	—	—	2444	
"	"	"	240	♂	—	—	—	2445	
"	"	"	250	♀ III	—	—	—	2446	
"	"	"	259	♀ III	—	—	—	2447	
"	"	"	262	♂	—	—	—	2448	
"	"	"	234	♂	—	—	—	2449	
"	"	"	230	♂	—	—	—	2450	
"	"	"	220	♀ Im	—	—	—	2451	
"	"	"	220	♀ Im	—	—	—	2452	
"	"	"	215	♀ Im	—	—	—	2453	
"	"	"	232	♂	—	—	—	2454	
"	"	"	235	♀ III	—	—	—	2455	
"	"	"	210	♀ Im	—	—	—	2456	
"	"	"	205	♂ Im	—	—	—	2457	
"	"	"	200	♂ Im	—	—	—	2458	
"	"	"	215	♂	—	—	—	2459	
"	"	"	197	♂ Im	—	—	—	2460	
"	"	"	206	♀ Im	—	—	—	2461	
"	"	"	230	♂	—	—	—	2462	
"	"	"	205	♂ Im	—	—	—	2463	
"	"	"	201	♂ Im	—	—	—	2464	
"	"	"	156	UNK	—	—	—	2465	
"	"	"	185	♂ Im	—	—	—	2466	
"	"	"	252	♂	—	—	—	2467	
"	"	"	197	UNK	—	—	—	2468	
"	"	"	210	♀ I	—	—	—	2469	
"	"	"	205	♂ Im	—	—	—	2470	
"	"	"	192	♂ Im	—	—	—	2471	
"	"	"	205	♀ Im	—	—	—	2472	
"	"	"	205	UNK	—	—	—	2473	
"	"	"	200	♂ Im	—	—	—	2474	
"	"	"	195	♀ Im	—	—	—	2475	
"	"	"	225	♀ I	—	—	—	2476	
"	"	"	206	♀ Im	—	—	—	2477	
"	"	"	205	♀ Im	—	—	—	2478	
"	"	"	196	♂ Im	—	—	—	2479	
"	"	"	228	♂	—	—	—	2480	
"	"	"	233	♂	—	—	—	2481	
"	"	"	—	UNK	—	—	—	2482	
"	"	"	225	♀ I	—	—	—	2483	
"	"	"	185	♀ Im	—	—	—	2484	
"	"	"	245	♀ III	—	—	—	2485	
"	"	"	240	♀ I	—	—	—	2486	
"	"	"	185	♀ Im	—	—	—	2487	
"	"	"	210	♀ Im	—	—	—	2488	
"	"	"	195	♀ Im	—	—	—	2489	
"	"	"	229	♀ I	—	—	—	2490	
"	"	"	195	♀ Im	—	—	—	2491	
"	"	"	213	♂ Im	—	—	—	2492	
"	"	"	210	♂ Im	—	—	—	2493	
"	"	"	225	♀ I	—	—	—	2494	
"	"	"	205	♂ Im	—	—	—	2495	

Species: Blueback herring (Alosa aestivalis)

Station #	Date	Grid	Fork Length (mm)	Sex	Scales	Age	Spawning Marks	Specimen #	Remarks
2752	3/25/75	27BA	210	♀ Im	–	–	–	BB2496	
"	"	"	255	♀ III	–	–	–	2497	
"	"	"	240	♀ Im	–	–	–	2498	
"	"	"	215	♀ Im	–	–	–	2499	
"	"	"	210	UNK	–	–	–	2500	
"	"	"	218	♂	–	–	–	2501	
"	"	"	215	♂ Im	–	–	–	2502	
"	"	"	225	♀ III	–	–	–	2503	
"	"	"	207	♀ Im	–	–	–	2504	
"	"	"	230	♂	–	–	–	2505	
"	"	"	196	♂ Im	–	–	–	2506	
"	"	"	210	♂ Im	–	–	–	2507	
"	"	"	212	UNK	–	–	–	2508	
"	"	"	195	♂ Im	–	–	–	2509	
"	"	"	215	♂	–	–	–	2510	
"	"	"	215	♂ Im	–	–	✓	2511	

STATION # 2752

RAISING FACTOR = 7.058

TOTAL = 854

	males (♂)	RAISING FACTOR	Females (♀)	RAISING FACTOR	UNK	RAISING FACTOR
155-159	—		1	7	1	7
160-164	1	7	—		—	
165-169	—		—		—	
170-174	—		—		—	
175-179	—		—		1	7
180-184	1	7	—		—	
185-189	—		2	14	—	
190-194	1	7	—		—	
195-199	6	42	6	42	1	7
200-204	5	35	6	42	—	
205-209	8	56	9	64	1	7
210-214	9	64	7	49	2	14
215-219	8	56	4	28		
220-224	1	7	4	28		
225-229	4	28	7	49		
230-234	7	49	1	7		
235-239	—		3	21		
240-244	2	14	3	21		
245-249	—		3	21		
250-254	2	14	1	7		
255-259	—		2	14		
260-264	1	7	—			
	56	393	59	414	6	42

Difference of (5) 121

(849) = GRAND TOTAL

121 = TOTAL

(1) - UNK length + sex

3752

5.00

229.00
207.00
200.00
230.00
210.00
242.00
205.00
200.00
212.00
235.00
223.00
225.00
229.00
218.00
205.00
207.00
214.00
210.00
247.00
240.00
195.00
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